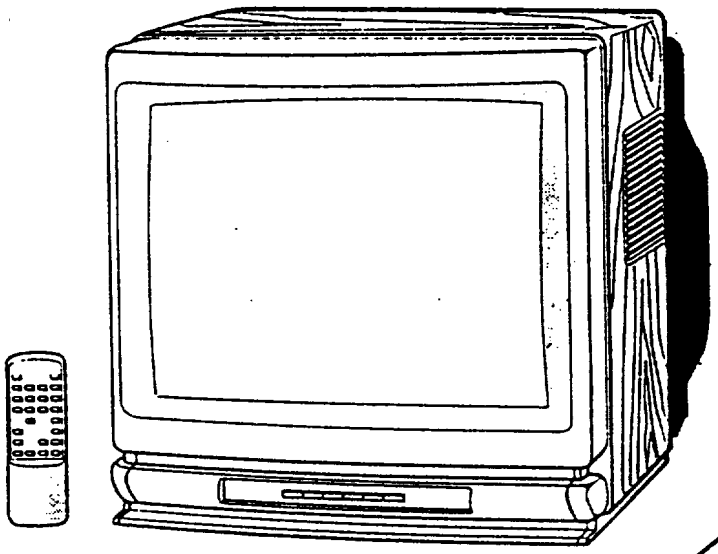
25

SANYO

Remote Control Color Television



Model DS25230

Owner's Manual

INCH

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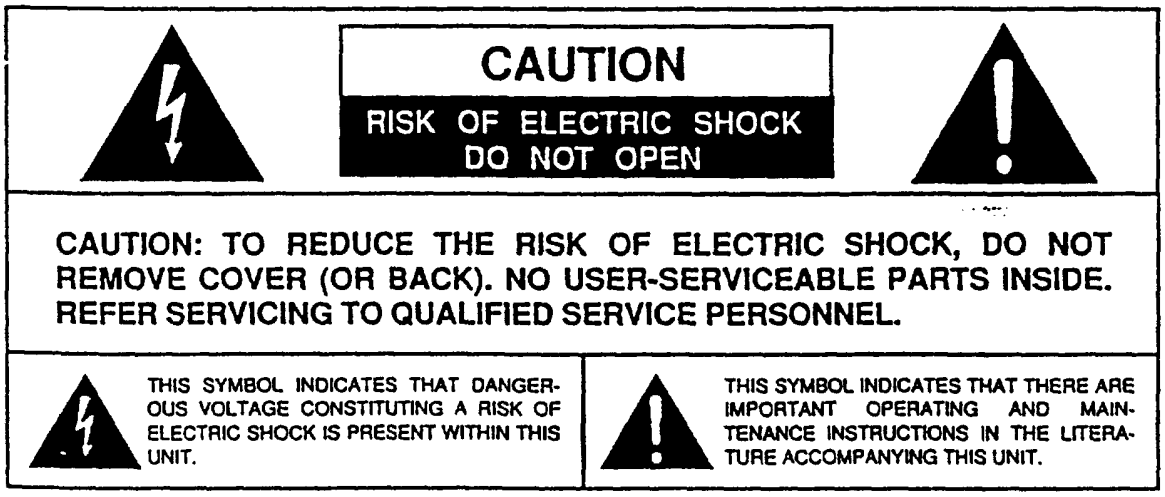
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT.
THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THIS UNIT.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION:

When using video games with this television, do not use too much brightness and/or contrast. Too much brightness or contrast used for a long time may permanently put an image on the picture tube.

A deteriorating effect on color purity may be caused if this TV is used in an audio/video system using conventional speakers. Conventional speakers must be placed at a minimum distance of 2 feet from the edge of the TV.

READ AND KEEP THIS LITERATURE

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IMPORTANT SAFEGUARDS

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS CONTAINED HEREIN AND THOSE ON YOUR APPLIANCE. RETAIN THIS LITERATURE FOR REFERENCE.

Electrical energy can perform many useful functions. This unit has been engineered and manufactured to assure your personal safety. However, improper use can result in potential electrical shock or fire hazards. In order not to defeat the safeguards incorporated in this unit, observe the following basic rules for its installation, use and servicing. Your appliance is fully transistorized and does not contain any user serviceable components.

Removal of the cabinet cover may expose you to dangerous voltages. Refer all servicing to qualified service personnel.

1. After unpacking the appliance, examine it carefully for possible damage. If any damage is detected, do not plug the appliance into outlet. Contact your salesperson or technician.

2. This appliance should be operated only from the type of power source indicated on the unit or as indicated in this Owner's Manual. If you are not sure of the type of power supply in your home, consult your salesperson or your local power company. For appliances designed to operate from battery power, refer to the operating instructions.

3. The design of many appliances does not require a polarized AC line plug (one blade wider than the other). However, if your appliance is equipped with a polarized AC line plug, it is a safety feature which prevents the plug being inserted incorrectly. If you have difficulty inserting the plug, try reversing it. If the plug still does not fit fully into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of this polarized plug.

4. Slots and openings in the cabinet and in the back or bottom are provided for ventilation. To ensure reliable operation of the appliance and to protect it from overheating, these openings must not be blocked or covered. The openings should never be covered with a cloth or other material, and the bottom openings should not be blocked by placing the unit on a bed, sofa, rug, or other similar surface. This appliance should never be placed near or over a radiator or heat register. This appliance should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.

5. Do not drop or push objects into cabinet slots or openings. Some internal parts carry hazardous voltages and contact may result in electrical shock hazard. Never spill liquid of any kind on the appliance.

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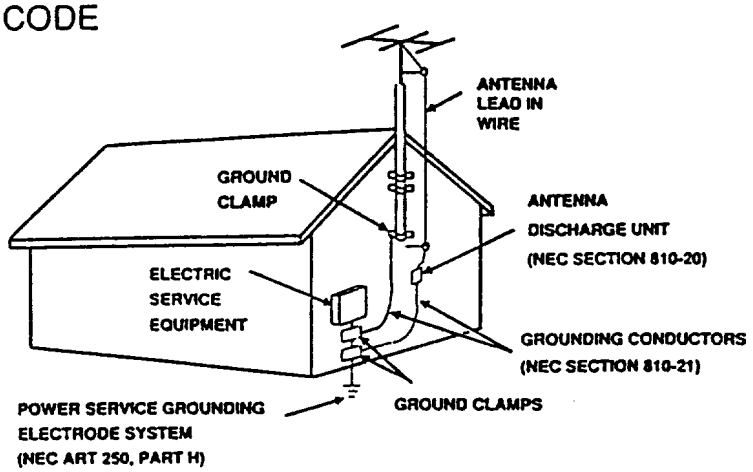
LIGHTNING PROTECTION FOR YOUR ANTENNA AND SET AS PER NATIONAL ELECTRICAL CODE INSTRUCTIONS.

6. If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electrical Code, NFPA 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

EXAMPLE OF ANTENNA GROUNDING ACCORDING TO NATIONAL ELECTRICAL CODE



"Note to CATV system installer:
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

7. Do not expose the appliance to rain or use near water...for example, near a bathtub, swimming pool, kitchen sink, in a wet basement, etc. Before cleaning, unplug the unit from the wall outlet. Do not apply liquid cleaners or aerosol cleaners directly to the unit. Use a damp cloth for cleaning.

8. An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

9. If an indoor antenna is used (built into the set, or installed separately) never let any part of the antenna touch other electrical equipment, such as metal parts of a lamp, audio equipment, etc.

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10. For added protection during a lightning storm, or when the set is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the set due to lightning or power line surges.

11. Do not place your appliance on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the appliance, may result if it should fall. Your sales person can recommend approved carts and stands or shelf and wall mounting instructions.

    An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

12. Never add accessories that have not been specifically designed for use with this appliance.

13. Do not allow anything to rest on the power cord. Do not locate the appliance where the cord will be abused by persons walking on it.

14. Do not overload wall outlets and extension cords as this can result in fire or electric shock.

15. Unplug the appliance from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    A. If the power cord or plug is damaged or frayed.
    B. If liquid has been spilled into the appliance.
    C. If the appliance has been exposed to rain or water.
    D. If the appliance has been dropped or the cabinet has been damaged.
    E. If the appliance exhibits a distinct change in performance.
    F. If the appliance does not operate normally by following the operating instructions, adjust only those controls that are covered in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to normal operation.

16. Upon completion of any service or repair, request the service technician's assurance that only Factory Authorized Replacement Parts that have the same characteristics as the original parts were used, and that routine safety checks have been performed to determine that the appliance is in safe operating condition. Unauthorized substitutions may result in fire, electrical shock, or other hazards.

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TO THE OWNER

As the owner of a Sanyo Remote Control Color Television, you are probably eager to try out your television. Before you do, we suggest that you spend a little time reading this manual to familiarize yourself with the operating procedures, so that you will receive maximum enjoyment from the many features included on your television.

This owner's manual is to acquaint you with your television's features. Reading it will help us, too. Through the years, we have found that many service requests were not caused by problems with our televisions. They were caused by problems that could have been prevented if the owner had followed the instructions in the manual.

You can often correct operating problems yourself. If your television fails to work properly, locate the operating problem in the Helpful Hints Chart on pages 19 and 20, then try the solutions marked for each problem.

UNPACKING AND POSITIONING THE TV

After you have carefully removed the television and owner's manual package from the shipping carton, save the carton until you are sure that the television is not damaged. Report any damage to the store from which it was purchased.

In the owner's manual package, you should find the following items:

– Remote Control – Antenna Adapter

Position your television where direct light from lamps or windows does not fall on the screen. Soft, indirect room lighting is best. Viewing in a room that is too bright or too dark can cause eye strain. A comfortable viewing distance, usually six feet or more, is recommended.

Do not place your television too close to the wall or in a confined area. The electronic parts need normal air circulation for reliable long life.

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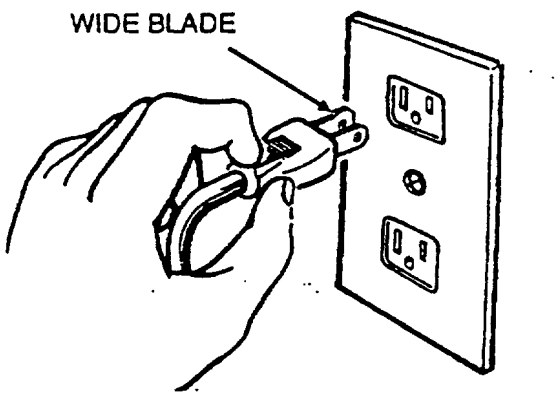
CONNECTING THE POWER

Plug the power cord into a convenient wall outlet that has standard house power (120 volts AC, 60 Hz). As a safety feature, the plug has one blade wider than the other and fits only one way into a standard electrical outlet. If it does not fit, try turning it over. If the plug will not fit either way, the outlet is probably old and nonstandard. In that event, a new outlet should be installed by a qualified electrician. **Do not defeat the safety feature of the plug.**

If the television is not going to be used for a long period of time, it is advisable to unplug it from the power outlet.



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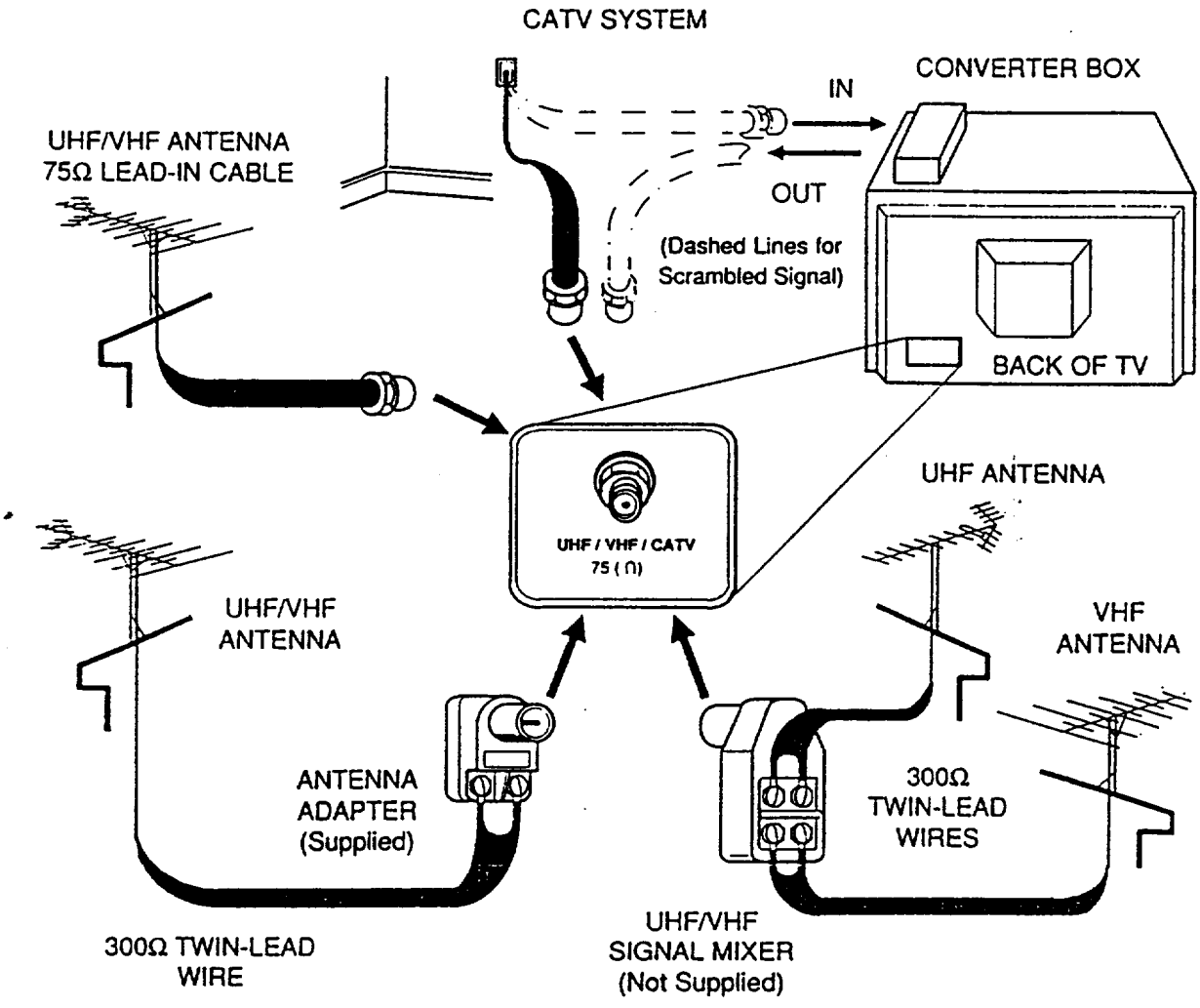
CONNECTING ANTENNAS

The proper type of antenna is required to obtain the best possible picture on this television. If you plan to install your own outdoor antenna, see pages 3-5 "Important Safeguards." If you are using an existing outdoor antenna, inspect the antenna and the lead-in wire for weathering effects. Weathering can greatly reduce the efficiency of an outdoor antenna.

NOTE...
The television is designed to switch off automatically after 15 minutes if a signal is not being received.

CONNECTING ANTENNA SIGNALS (UHF/VHF/CATV)

Your TV is equipped with a 75Ω (Ohm) combination UHF/VHF/CATV antenna input terminal. Many different antenna signal systems can be connected to your TV using various antenna equipment.



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Cable Television (CATV)

Connect the cable system's 75Ω cable directly to the 75Ω antenna input jack on back of the TV. A Converter Box may be required to descramble the signals.

UHF/VHF Combination Antenna with 75Ω Lead-in Cable

Connect the antenna's 75Ω lead-in cable directly to the 75Ω antenna input jack on back of the TV.

UHF/VHF Combination Antenna with 300Ω Twin-lead Wire

- Connect the twin-lead wire from the combination UHF/VHF antenna to the terminals on the antenna adapter (supplied).
- Slide the antenna adapter onto the 75Ω antenna input jack on the back of the TV.

Separate UHF and VHF Antennas with 300Ω Twin-lead Wires

- Connect the twin-lead wires from the UHF antenna and the VHF antenna to a UHF/VHF signal mixer (300Ω input/75Ω output, not supplied).
- Slide the UHF/VHF signal mixer onto the 75Ω antenna input jack on the back of the TV.

POOR SIGNAL RECEPTION

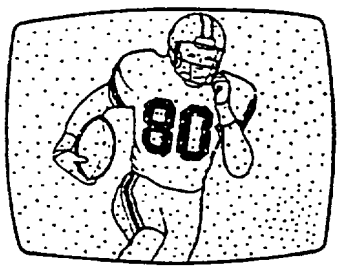
Faulty antenna systems, antenna systems not suited for the area, or antennas not directed toward the station selected can cause poor signal reception.

NOTE: If you are using a Cable TV system, contact your local Cable Company.

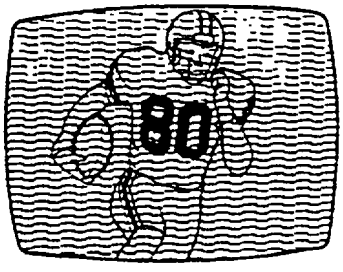
"Snow" or weak picture is the result of either a weak signal or a poor antenna.

"Interference" may be caused by electrical appliances, auto ignitions, CB radios, etc. Interference of this type is normally temporary.

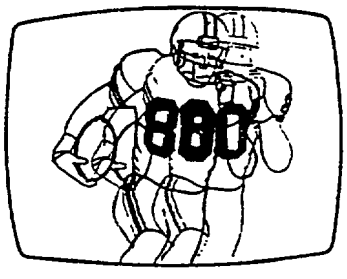
"Ghosts" or multiple images are signals reflected off mountains or high buildings.



SNOW



INTERFERENCE



GHOSTS

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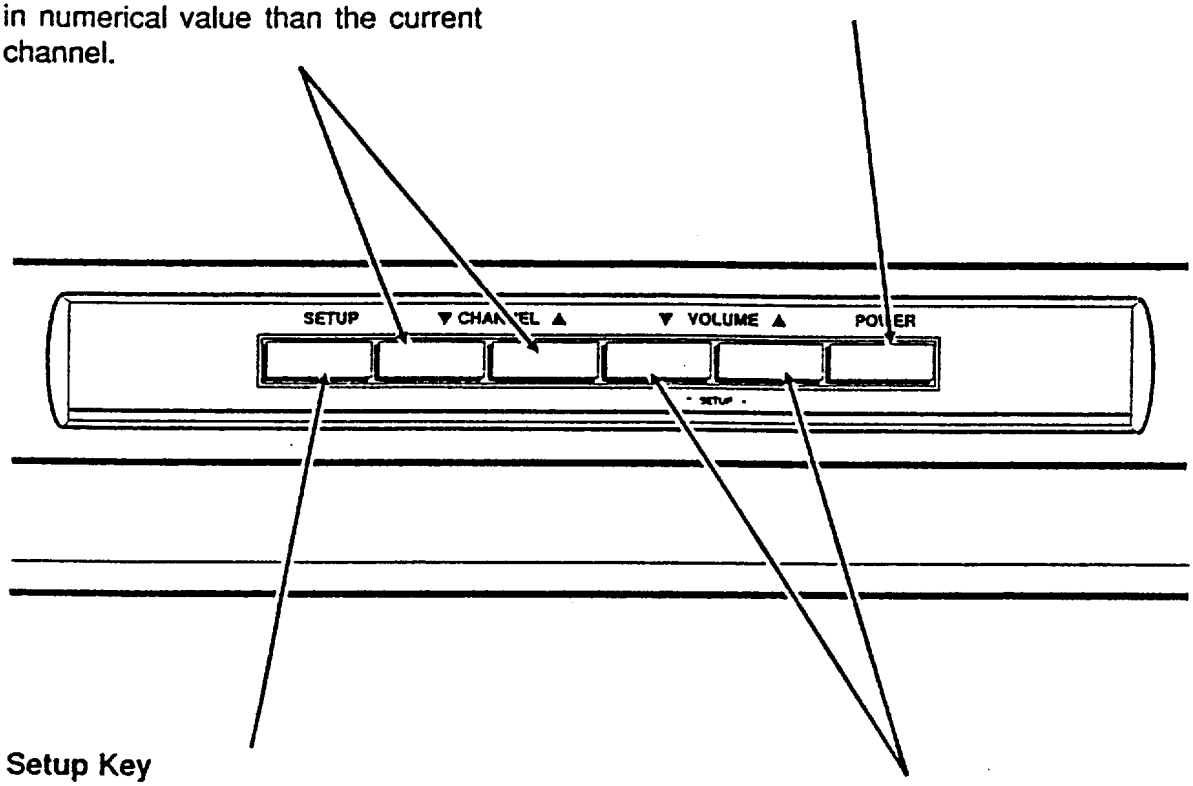
FRONT CONTROL PANEL

Channel Scanning Keys

Press the ▲ (up) key to scan programmed channels larger in numerical value than the current channel. Press the ▼ (down) key to scan programmed channels smaller in numerical value than the current channel.

Power Key

Press once to switch on the TV; press again to switch off the TV.

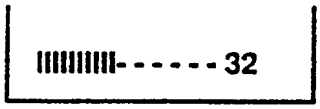


Setup Key

Use this key with the *Volume* ▲ (up/+) and ▼ (down/–) keys to select and adjust the features of the on-screen menu system. (Refer to pages 14 and 15.)

Volume Keys

Press the ▲ (up/+) key to increase the volume. Press the ▼ (down/–) key to decrease the volume. The volume level 0–64 (maximum) will be displayed on the screen.



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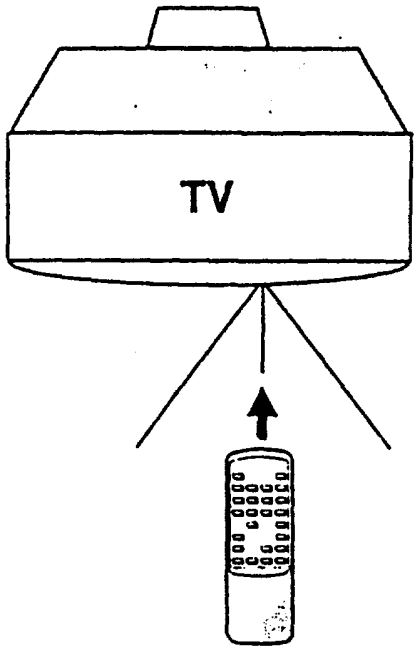
USING THE REMOTE CONTROL

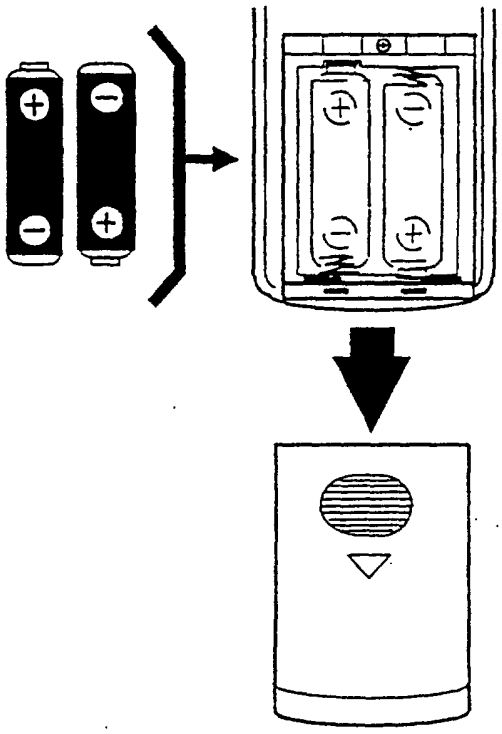
The Remote Control allows you to control the TV from as far away as thirty feet. The remote control unit must be pointed directly at the front of the TV without any objects between the unit and the TV that could block the invisible (infrared) light beam.



INSTALLING BATTERIES

The remote control requires two "AA" (penlight size) batteries (not supplied).

- Press the battery cover down and slide it backwards.
- Install the batteries so the "+" and "–" marks on the batteries match the "+" and "–" marks inside the unit. If the batteries are not installed correctly, the remote control will not operate and damage may result.
- To replace the cover, place it on the unit and slide it forward until it locks into place.



NOTE: Remove the batteries from the unit if it is not going to be used for a month or more. *Weak or discharged batteries may leak and damage the unit.* The normal life of batteries is roughly six months.

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REMOTE CONTROL KEYS

Channel Selection Keys

Two keys must be pressed to select a channel.

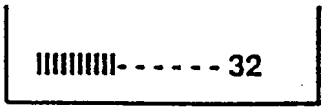
For channels numbered between 1 and 9, press 0 first. (For example, to select channel 6: Press 0, then 6.)

For channels numbered between 10 and 99, press the keys that correspond to the channel number.

For channels numbered between 100 and 125, press and hold the 1 key until the 1-- display appears on the screen. Then press the keys that correspond to the remaining channel numbers.

Volume Keys

Press the ▲ (up) key to increase the volume. Press the ▼ (down) key to decrease the volume.



Auto Key

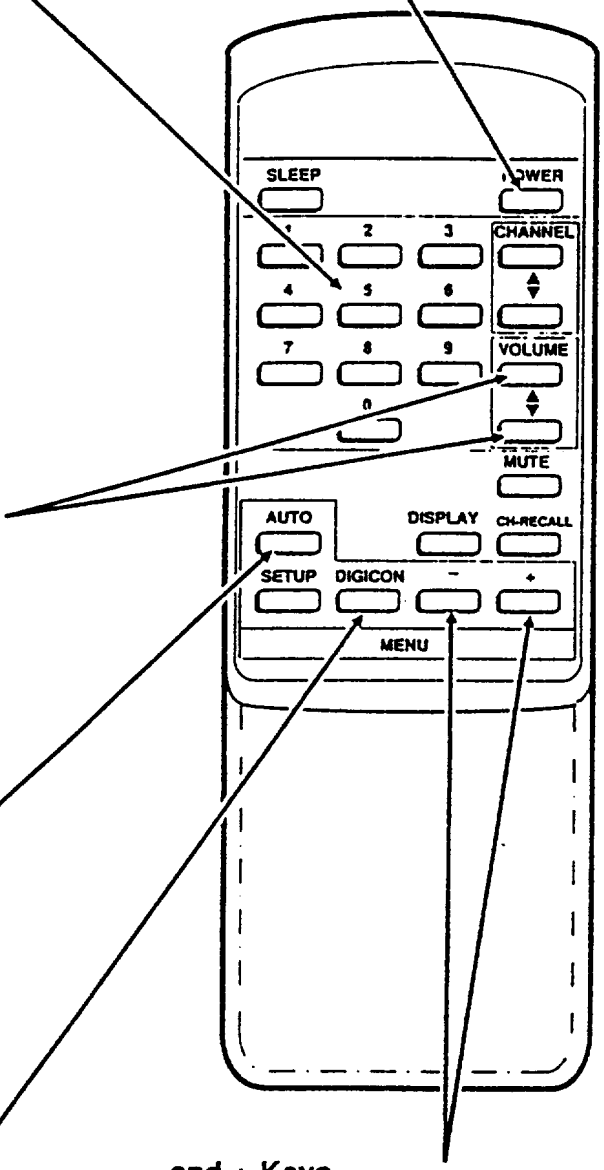
Use this key to adjust the picture color, tint, contrast, brightness and sharpness levels automatically. (Refer to page 16.)

Digicon Key

Use this key to select the various picture control displays when making manual adjustments to the picture. (Refer to page 16.)

Power Key

Press once to switch on the TV; press again to switch off the TV.



– and + Keys

Use these keys to adjust the features of the on-screen menu system. (Refer to pages 14 and 15.) Use these keys with the *Digicon* key to make manual adjustments to the picture control levels. (Refer to page 16.)

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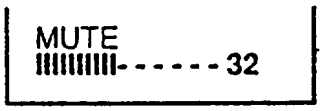
Sleep Key

Use this key with the "0" key to set the Sleep Timer feature to switch off the TV automatically. (Refer to page 17.)

Mute Key

Press once to turn off the volume, the Mute Display will appear on the screen. The display will remain on the screen until the key is pressed again to restore the volume.



Setup Key

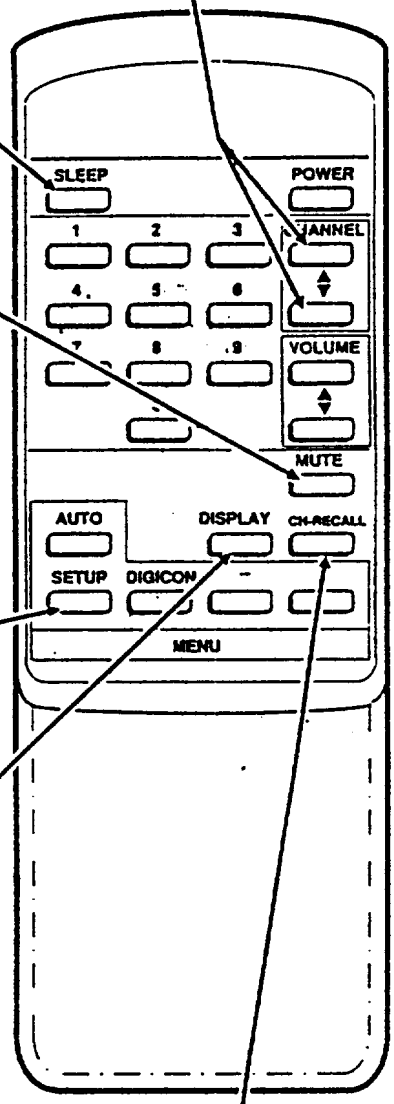
Use this key to select the features of the on-screen menu system. (Refer to pages 14 and 15.)

Display Key

Press once to recall the Channel Number and Time display on the screen for five seconds. **Press this key twice to display the channel number on the screen continuously. To remove the display, press the key again.**

Channel Scanning Keys

Press the ▲ (up) key to scan programmed channels larger in numerical value than the current channel. Press the ▼ (down) key to scan programmed channels smaller in numerical value than the current channel.



Ch-Recall Key

Provided to alternate between two channels, such as two ballgames or a movie and a ballgame. Select the first channel; then select the next channel using the *Channel Selection* keys. Press this key to alternate between the channels.

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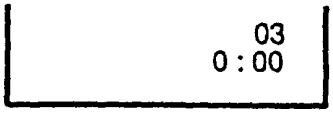
SETUP AND INITIAL OPERATION

This TV is designed with an on-screen menu system to select and adjust certain features. **In order to properly set up the TV** and enjoy these features you should proceed through the menu system.

- Press the *Power* key. After a few seconds, the picture will appear and the volume will be set at a low level. Also, you should notice the on-screen Channel Number/Time Display.



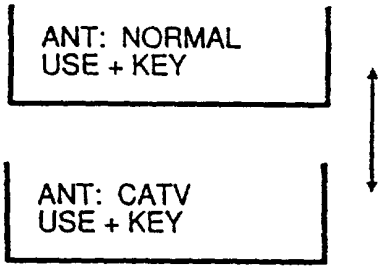
SELECTING THE NORMAL/CATV CHANNEL TUNING MODE

Set this feature to match your TV signal hook-up. (Refer to pages 8 and 9.)

In the Normal mode, you can select VHF channels 2-13 and UHF channels 14-69.

In the CATV mode, the Cable Channel Indicator **"C"** will appear and you can select Cable channels 1-94 and 98-125 (if available).

- Press and release the *Setup* key once. The antenna (ANT) tuning mode selection display will appear on the screen.
- Use the + key to select the Normal mode or CATV mode.



AUTOMATIC CHANNEL PROGRAM OPERATION

- Press and release the *Setup* key until the automatic channel program display appears on-screen.
- Press the + key, the TV will begin to preset all active channels into the tuning system memory. When the process is complete the screen will return to normal TV viewing.

AFTER ACTIVE CHANNELS ARE PROGRAMMED

NOTE: If the TV is moved to a different signal reception area or if additional channels are available later, the tuning system memory must be reset.

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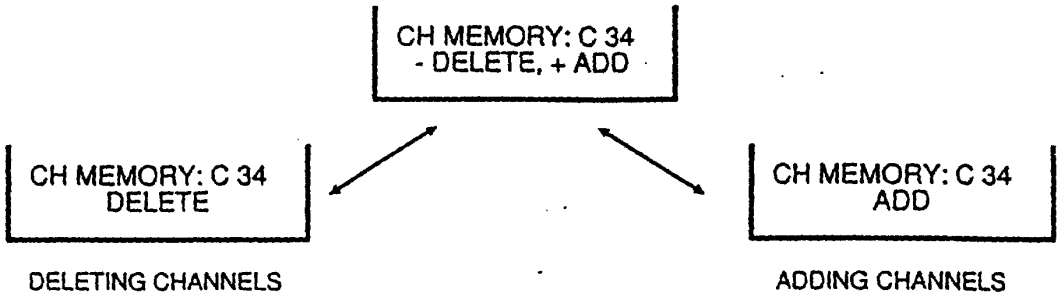
CHANGING THE CHANNEL TUNING MEMORY

Use these procedures to add desired channels to the channel tuning system or delete unwanted channels from the channel tuning system.

- Select the channel.

NOTE: When adding new channels, use the *Channel Selection* keys on the Remote Control to enter the desired channel number.

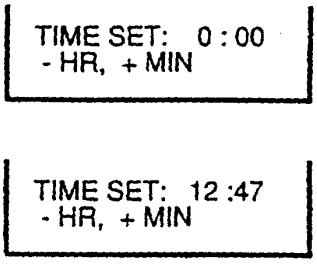
- Press and release the *Setup* key until the channel memory display appears on-screen.



- Press the + key to add the channel to the tuning system memory, "ADD" will appear. Press the – key to delete the unwanted channel from the tuning system memory, "DELETE" will appear.
- Select the next desired channel and repeat the steps to add or delete any additional channels.

SETTING THE CLOCK

- Press and release the *Setup* key until the clock time set display appears on-screen.
- Press and hold the – key to set the clock hour display; then release the key. Press and hold the + key to set the clock minute display; then release the key.



NOTE: If the TV is unplugged or a power failure occurs, the clock will be cleared and must be reset.

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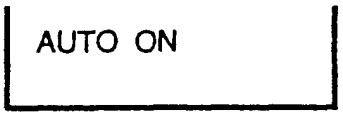
ADJUSTING THE PICTURE

Your TV is designed with an on-screen control system for adjusting the picture quality. Use the *Menu Control* keys, on the Remote Control, to easily adjust the picture to your personal preference. The on-screen displays will remain for a few seconds after any adjustments are made.

AUTO KEY OPERATION

Use the *Auto* key to switch on and off the automatic picture control system. If "AUTO ON" is selected, the color, tint, contrast, brightness and sharpness levels will reset to the factory settings automatically.
If "AUTO OFF" is selected, the picture control levels will adjust to the previous manual settings.

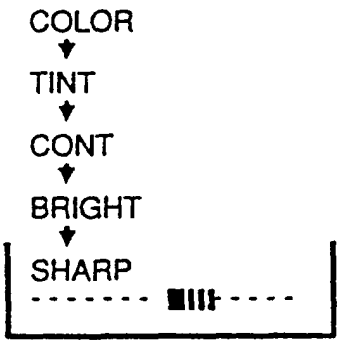


AUTOMATIC PICTURE CONTROL DISPLAY

MANUAL ADJUSTMENTS

These adjustments are not required if the picture is satisfactory.

- Press and release the *Digicon* key once. The Adjustment Display for a picture control level will appear on the screen.
- Continue to press and release the *Digicon* key until the desired control appears on the screen.
- Use the – and + keys to make adjustments. Refer to the picture control adjustment chart below.



CONTROL LEVEL DISPLAY

PICTURE CONTROL ADJUSTMENT		– KEY	+ KEY
COLOR	To adjust color intensity	Lighten	Deepen
TINT	To adjust flesh tone tints	Greenish	Purplish
CONT	To adjust picture contrast	Lighter	Deeper
BRIGHT	To adjust picture brightness	Darker	Brighter
SHARP	To adjust picture detail	Softer	Crisper

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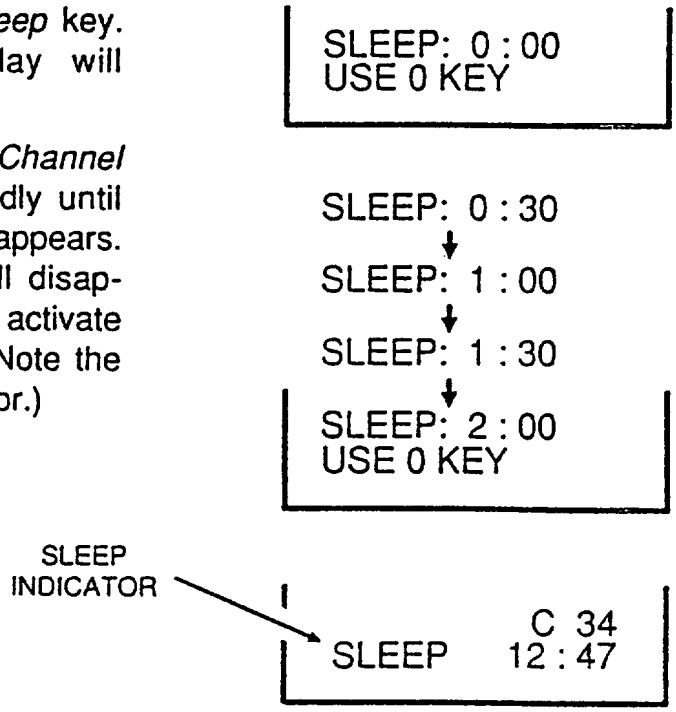
SETTING THE SLEEP TIMER FEATURE

Use the *Sleep* key and the *Channel Selection* "0" key, on the Remote Control, to set the Sleep Timer feature to switch off the TV automatically. This feature can switch off the TV after 30 minutes, 1 hour, 1 hour and 30 minutes, or 2 hours.

- Press and release the *Sleep* key. The Sleep Timer Display will appear.
- Press and release the *Channel Selection* "0" key repeatedly until the desired delay setting appears. The on-screen display will disappear after five seconds to activate the Sleep Timer feature. (Note the on-screen "SLEEP" Indicator.)



NOTES:

Once the Sleep Timer is set, you can check the time remaining by pressing the *Sleep* key.

To cancel the Sleep Timer: Press the *Sleep* key once; then press and release the "0" key until "0:00" appears in the display.

If the TV is switched off or a power failure occurs, the Sleep Timer feature will be cancelled.

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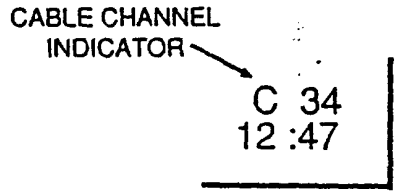
CABLE OPERATION

Ask your Cable Company about any special adapters that are required and the channels available in your area. Use the chart below for channel identification. (The numbers may vary between cable companies.) The TV is designed to receive a total of 178 channels (including cable channels). To receive cable channels, refer to page 14 "Selecting the Normal/CATV Channel Tuning Mode."

In the CATV mode, the Cable Channel Indicator **"C"** will appear and you can select Cable channels 1-94 and 98-125 (if available).



NOTE: All VHF channels (2-13) may be tuned in either mode.
However, this feature must be in the normal mode to receive regular UHF channels (14-69).

CATV FRANCHISE NOTE
Cable companies, like public utilities, are franchised by local government authorities. To receive cable programs, even with cable-compatible equipment, the consumer must subscribe to the cable company's service.

CATV CHANNEL CHART

Channel Number	Select Channel	Channel Number	Select Channel	Channel Number	Select Channel	Channel Number	Select Channel	Channel Number	Select Channel	Channel Number	Select Channel
MID BAND		SUPER BAND		HYPER BAND		ULTRA BAND		ULTRA BAND		ULTRA BAND	
A	14	S	32	W+14	50	W+32	68	W+54	90	W+76	117
B	15	T	33	W+15	51	W+33	69	W+55	91	W+77	118
C	16	U	34	W+16	52	W+34	70	W+56	92	W+78	119
D	17	V	35	W+17	53	W+35	71	W+57	93	W+79	120
E	18	W	36	W+18	54	W+36	72	W+58	94	W+80	121
F	19			W+19	55	W+37	73	W+59	100	W+81	122
G	20			W+20	56	W+38	74	W+60	101	W+82	123
H	21			W+21	57	W+39	75	W+61	102	W+83	124
I	22	HYPER BAND		W+22	58	W+40	76	W+62	103	W+84	125
		W+1	37	W+23	59	W+41	77	W+63	104		
		W+2	38	W+24	60	W+42	78	W+64	105		
		W+3	39	W+25	61	W+43	79	W+65	106		
SUPER BAND		W+4	40	W+26	62	W+44	80	W+66	107	VHF LOW BAND	
J	23	W+5	41	W+27	63	W+45	81	W+67	108	4A	01
K	24	W+6	42	W+28	64	W+46	82	W+68	109		
L	25	W+7	43			W+47	83	W+69	110		
M	26	W+8	44			W+48	84	W+70	111		
N	27	W+9	45			W+49	85	W+71	112	MID LOW BAND	
O	28	W+10	46	ULTRA BAND		W+50	86	W+72	113	A-2	98
P	29	W+11	47	W+29	65	W+51	87	W+73	114	A-1	99
Q	30	W+12	48	W+30	66	W+52	88	W+74	115		
R	31	W+13	49	W+31	67	W+53	89	W+75	116		

Numbers 95-97 may be selected, however, these channels cannot be received.

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HELPFUL HINTS - Problems/Solutions

BEFORE REQUESTING SERVICE CHECK THE FOLLOWING CHART.

Problem:	Check these Conditions:	Try these Solutions:
TV turns off automatically.	• TV will automatically switch off. (Refer to pages 8 and 17.) • Power surge protection feature.	• Press *Power* key. • Unplug TV momentarily.
No picture, poor sound, no sound.	• Check if TV set is plugged in. • Check antenna connections. • May be station trouble.	• Press *Power* key. • Adjust Volume. • Try a different channel.
Sound OK, Poor picture, Blurred picture, Double image, Lines in picture, Distorted picture.	• Check antenna connections. • May be station trouble. • Possible signal interference from a household appliance.	• Try a different channel. • Reorient antenna(s). • Adjust Brightness. • Adjust Contrast. • Adjust Sharpness.
Poor color or no color.	• Check if program is in color. • Check antenna connections. • May be station trouble. • Possible signal interference from a household appliance.	• Try a different channel. • Reorient antenna(s). • Press *Auto* key. • Adjust Color. • Adjust Tint.

For more HELPFUL HINTS - Problems/Solutions see page 20.

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HELPFUL HINTS - Problems/Solutions (Continued)

BEFORE REQUESTING SERVICE CHECK THE FOLLOWING CHART.

Problem:	Check these Conditions:	Try these Solutions:
Cannot select or scan some channels.	• Check antenna connections. • Channel may be deleted from memory.	• Reset channel memory. (Refer to page 14.)
No CATV (cable) channels above number 13.	• Cable Channel Indicator **"C"** should appear next to channel number.	• Select CATV channel tuning mode and reset channel memory. (Refer to page 14.)
No UHF channels, VHF channels OK.	• Cable Channel Indicator **"C"** should **not** appear next to channel number.	• Select NORMAL channel tuning mode and reset channel memory. (Refer to page 14.)
Channel Number Display remains on-screen.	• Continuous display has been selected.	• Press *Display* key.
Remote Control will not work.	• Check if TV set is plugged in. • Check batteries.	• Point remote control unit towards TV.

For more HELPFUL HINTS - Problems/Solutions see page 19.

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ONE-YEAR LIMITED WARRANTY

THIS LIMITED WARRANTY IS VALID ONLY ON SANYO PRODUCTS PURCHASED AND USED IN THE UNITED STATES OF AMERICA, EXCLUDING ITS TERRITORIES AND PROTECTORATES. THIS LIMITED WARRANTY APPLIES ONLY TO THE ORIGINAL PURCHASER, AND DOES NOT APPLY TO PRODUCTS USED FOR INDUSTRIAL OR COMMERCIAL PURPOSES.

FOR ONE YEAR from the date of purchase, Sanyo Manufacturing Corporation will repair or replace (at its option) any defective part without charge for labor or parts.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

OBLIGATIONS

For one year from the date of purchase, Sanyo Manufacturing Corporation warrants this product to be free from defects in material and workmanship under normal use and conditions. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction during the first year from date of original purchase, Sanyo Manufacturing Corporation will provide carry-in repair service at an Authorized Sanyo Service Agency at no charge. **For the nearest service facility to you, call toll free 1-800-421-5013.**

For technical assistance call toll free 1-800-877-5032.

This warranty expresses specific contractual rights; retail purchasers may have additional statutory rights which vary from state to state.

(EFFECTIVE: January 1, 1991)

ATTENTION

For your protection in the event of theft or loss of this product, please fill in the information requested below for your own personal records.

Model No. _____ Date of Purchase _____

Serial No. _____ Purchase Price _____

(Located on back of unit) Where Purchased _____

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MAINTENANCE

WARNING: Unplug the power cord before cleaning the television.

Clean the screen and trim with a soft cloth dampened with glass cleaner or warm water. Do not allow liquid to run down the screen or inside the TV.

Clean the cabinet with a soft cloth dampened with a mild household detergent and warm water, then dry thoroughly. The surface of the cabinet can be damaged if not properly maintained. Many common household aerosol sprays cleaning agents, solvents and polishes will cause permanent damage to the fine surface.

WARNING: High voltages are used to operate television receivers. Do not remove the back from your set.

You can often correct operating problems yourself. If the television fails to work properly, locate the problem in the Helpful Hints Chart and try the possible solutions marked for each problem.

SANYO

Sanyo Manufacturing Corp.
3333 Sanyo Road, Forrest City, AR 72335

Service Code: 610 237 2984

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